



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**Region 2 Laboratory
2890 Woodbridge Avenue
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June 21, 2013

Staiger, Kimberly J.
ERRD-RAB
2890 Woodbridge Avenue Bldg. 205
Edison, NJ 08837

RE: Barth Smelting Corporation - 1305054

Enclosed are the results of analyses for samples received by the laboratory on 05/22/2013. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1305054 and contact John Birri by phone at 732-906-6886, or via Email at birri.john@epa.gov.

Sincerely,

A handwritten signature in black ink, which appears to read "John R. Bourbon".

John R. Bourbon
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: Barth Smelting Corporation - 1305054

Project Number: 1305054

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (TNI) is a voluntary environmental laboratory accreditation association of State and Federal agencies. TNI established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the TNI Standards.

Condition Comments

The sample cooler temperature was 25C. No ice was present.

Comment(s):

Most of the metal results were qualified with a "J" to indicate the data are estimated. This was due to one or more quality control results outside of the established acceptance criteria due to the sample matrix.

Data Qualifier(s):

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.



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SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
A22L-0001	1305054-01	Solid	05/16/2013 00:01	05/22/2013 16:39



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SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Metals ICP TAL	EPA 200.7 / SOP C-109 Rev3.2	NELAP	Solid



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: A22L-0001

Sample ID: 1305054-01

Metals ICP

Aluminum	43000	J	9.0	mg/kg dry
Antimony	---	U J	1.8	mg/kg dry
Arsenic	---	U J	2.7	mg/kg dry
Barium	500	J	9.0	mg/kg dry
Beryllium	12	J	0.27	mg/kg dry
Cadmium	---	U J	0.27	mg/kg dry
Calcium	190000	J	2200	mg/kg dry
Chromium	220	J	0.45	mg/kg dry
Cobalt	5.0	J	1.8	mg/kg dry
Copper	11		0.90	mg/kg dry
Iron	2500	J	4.5	mg/kg dry
Lead	8.5	J	0.72	mg/kg dry
Magnesium	28000	J	45	mg/kg dry
Manganese	110000		90	mg/kg dry
Molybdenum	---	U J	0.90	mg/kg dry
Nickel	6.7	J	1.8	mg/kg dry
Potassium	1900	J	45	mg/kg dry
Selenium	29	J	1.8	mg/kg dry
Silver	29	J	0.45	mg/kg dry
Sodium	1100	J	90	mg/kg dry
Thallium	76	J	1.8	mg/kg dry
Tin	---	U J	0.90	mg/kg dry
Vanadium	11	J	1.8	mg/kg dry
Zinc	390	J	1.8	mg/kg dry